

## **Historic, archived document**

Do not assume content reflects current scientific knowledge, policies, or practices.



EX 792 744

THE FEDERAL EXTENSION HORTICULTURIST

Number 1

September 1, 1935

C. P. Close, Senior Extension Horticulturist

It was with sincere regret that The Extension Horticulturist of some years ago was discontinued. It had a real mission in its field and met with a hearty response by the State horticultural specialists. During the time it has been slumbering, many of its old friends have been wishing for its awakening, and now this wish will be gratified. The name will be changed to The Federal Extension Horticulturist, and though there will be no stated dates of issue, it will appear as often as material for copy can be assembled. In the greatly enlarged field of extension horticulture, it will have an important mission, and will be the clearing house for extension horticultural ideas.

The material contained herein is not for publication except by permission of the Extension Service.

United States Department of Agriculture  
Division of Cooperative Extension and  
Bureau of Plant Industry Cooperating

## Introduction

The Federal Extension Horticulturist is being launched as a cooperative endeavor between the Federal Office and all the State horticultural specialists. The more we all put into it the more we will all get out of it. It is a "something for something endeavor rather than a "something for nothing" hand-out. The following story illustrates the point: A certain clergyman was invited to be guest preacher at a church where the offering in the vestibule collection box was always given to the visiting minister. He took his little son with him, and as they passed through the vestibule, the clergyman dropped a dollar bill into the collection box. After the sermon when they came out, he emptied the collection box; it contained only the dollar bill he had put in. The boy looked at the money and then at his father and said, "Dad, if you had put more in, you would have got more out."

---

### State Horticultural Extension Expenditures

All the 48 States except Delaware and Nevada have State horticultural extension projects. The total allotments by the 46 States for this work during the fiscal year closing on June 30 last, was \$379,754.05. The 5 States with largest allotments that year were New York, \$29,488.66; Pennsylvania, \$22,420.20; Ohio, \$18,900; Michigan, \$18,793; and Virginia, \$18,287. There were only 3 States allotting less than \$1,000 each for the project. There were also considerable sums used by county and home agents in horticultural extension for which there is no separate accounting and which did not come out of the above amounts. The budgets for the present fiscal year are not all in, so total allotments cannot be given at this time.

### State Specialists

According to the official list sent in when last fiscal year's budgets were received, there were 117 State specialists. This is the largest number ever reported.

The Federal Office would like to keep an up-to-date list of horticultural specialists and wishes that someone in each State would be good enough to assume the responsibility of sending in the names of new people employed as well as of those leaving the work. They would like to have this begin with January 1, 1935.

### True Stories from the States

In our visits to the States we are often asked, "What are the other boys doing?" Here is an opportunity for each one to tell what he is doing and to report satisfactory results, new ideas in extension, and anything which helps him and which may help others. Make the reports short and snappy--half a page of single-spaced, typed material is sufficient. Tell it in your own words.

This section should be the best part of the publication. A favorable and earnest reaction by the State forces will make The Federal Extension Horticulturist a complete success. An indifferent response will mean failure. Will a dozen or more men respond quickly with material for the next number? Space in this section is free; use it. No loving cups or cash prizes can be offered here, but honorable mention will be awarded to all who respond. The Federal specialist will give brief accounts of State trips under this heading.

### Home-Improvement Work in Arkansas

The Federal extension specialist visited Arkansas last March and saw in operation one of the finest projects on home and community improvement that is being carried on anywhere. This is a series of leader-

training schools for the 1,400 local leaders in this project. The State was divided into 15 districts, each including from 2 to 6 counties. A 1-day school was held at a central point in each district. The 10th school at Berryville and the 11th at Van Buren were the schools visited. At Berryville there were 83 leaders and at Van Buren 93. The attendance varied from 40 to 150, the lighter attendance being due to overflowing rivers impossible to cross. One thousand leaders attended the 11 schools, and about 400 more came to the other 4 which included 20 counties. Thus the entire State was covered and the best brand of inspiration and information on home and community improvement was dispensed.

The logical arrangement of the program made a special appeal to the visitor from Washington. Connie J. Bonslagel, Arkansas State home demonstration agent, led with "Needs and General Policies Affecting Home Grounds Work." Miss Bonslagel is a forceful and entertaining speaker, and her message aroused intense enthusiasm and pepped up the audience to the "do or die" spirit. In fact she was dubbed the "enthusiasm dispenser."

W. G. Amstein, extension horticulturist, followed with "Fundamentals of Home Grounds Planting." In a clear-cut way he told the leaders just what to do in the planning of home grounds; the selection of plants and their arrangement, planting, and care; the arrangement and building of walks and drives; the making of lawns; and other items entering into home improvement. In discussing the building of stone walls, he deplored the practice of putting on raised joints which he called "varicose veins."

At this point L. A. Henry, landscape engineer of the Arkansas Highway Department, should have discussed "Community Planning in Relation to Highways", but it was impossible for him to be present. In his absence Mr. Amstein included part of this subject in his talk.

All that was left to do now was to tell the leaders where to find the printed or mimeographed information which the speakers thus far had discussed. Mrs. Esther G. Kramer, district home demonstration agent, did this very completely by giving references to bulletins, reports, press articles, mimeographed material, and textbooks.

By the way, all this happened in the forenoon. There was an afternoon session at which Miss Bonslagel held a "Round Table Discussion and Summary of the School" and the district home demonstration agent told of the "District Goals." The meeting then was adjourned, to a selected home, where Mr. Amstein gave a demonstration of laying out a planting plan.

The county and home agents arranged for and took part in all these meetings.

Something else must be added to give a more complete picture of the landscape work in Arkansas. There are 1,163 communities being improved by community effort. This means that not only the homes, but the school grounds

church grounds, cemeteries, stores, public places, and highways are being improved through community effort. This is brought about by an organization with a good live chairman and a committee to offer advice and assistance on improving homes; another committee on schools and school grounds; another on church and cemetery improvement; another on stores and public places; another on highways; and still another on reports of work done. These committees are composed of people who are particularly interested in the lines of work for which they are chosen.

In 1934 there were 11,510 women club members, and 1,419 local leaders in the landscape groups.

#### The Division of Fruit and Vegetable Crops and Diseases

The research men of this division will find The Federal Extension Horticulturist at their disposal at all times for extending research results, as soon as obtained, to the State extension specialists.

#### Horticultural Extension Publications

This was one of the most popular sections of the former Extension Horticulturist. The lists are made from the Extension publications received by the library of the Federal Extension Service, and are given under the months in which they were received, beginning with January 1935.

##### Received During January

- Colorado - State Agricultural College, Fort Collins.  
Grow Your Own Vegetables. Ext. Bull. 311-A rev., 1934.
- Maine - College of Agriculture, Orono.  
Vegetable Growing in Maine. Ext. Bull. 203, reprint, 1934.
- North Carolina - State College of Agriculture, Raleigh.  
The Farm and Home Garden Manual. Ext. Circ. 122, rev. 1934.  
Fertilizer and Lime Recommendations for Vegetable Crops in North Carolina. Ext. Circ. 199, 1934.
- Pennsylvania - Pennsylvania State College, State College.  
Tomatoes. Ext. Leaflet 27, 1934.  
Bean Culture. Ext. Leaflet 28, 1934.  
Cabbage. Ext. Leaflet 29, 1934.  
Cucumbers and Melons. Ext. Leaflet 30, 1934.  
Onions. Ext. Leaflet 31, 1934.
- Wisconsin - College of Agriculture, Madison.  
The Market for Midwestern Potatoes. Ext. Circ. 272, 1934.

Received During February

- Arizona - College of Agriculture, Tucson.  
Spray Compatibility Chart of Insecticides and  
Fungicides. Ext. Circ. 83, 1934.
- Illinois - College of Agriculture, Urbana.  
Bramble Fruits, Raspberries, Blackberries, Dewberries -  
How to Grow in Illinois. Ext. Circ. 427, 1935.
- Kentucky - College of Agriculture, Lexington.  
Garden Project, 4-H Clubs. Ext. Circ. 222, rev., 1934.
- Maine - College of Agriculture, Orono.  
Ten Years in Maine Orchards. Ext. Bull 214, 1934.
- Maryland - University of Maryland, College Park.  
Maryland Spray Calendar for Apples and Peaches, 1934.  
Ext. Circ. 109, 1935.
- New York - N. Y. State College of Agriculture, Ithaca.  
Clipped Hedges and Their Uses. Ext. Bull. 311, 1935.  
Tree Bracing and Wound Treatment in the Orchard. Ext.  
Bull. 312, 1935.  
Protecting Orchard Crops from Disease and Insects in  
the Hudson Valley. Ext. Bull., 314, 1935.
- Ohio - College of Agriculture, Columbus.  
Potato Growing in Ohio. Ext. Bull. 86, 3d edition,  
1934.  
Spraying Program and Pest Control for Fruit Crops.  
Ext. Bull. 128, rev., 1934.  
Flower Gardening III and IV. Ext. 4-H Circ. 96, 1934.
- Pennsylvania - Pennsylvania State College, State College.  
Asparagus. Ext. Leaflet 32, 1934.  
Celery. Ext. Leaflet 33, 1934.  
Sweet Corn. Ext. Leaflet 34, 1934.
- Texas - A. & M. College of Texas, College Station.  
Gardening. Ext. Bull. B-170 rev., 1934.
- West Virginia - College of Agriculture, Morgantown.  
Orchard Spraying Guide for West Virginia. Ext. Circ.  
304, rev., 1935.

Received During March

- California - College of Agriculture, Berkeley.  
Pruning Venifera Grape Vines. Ext. Circ. 89, 1934.

- Connecticut - Connecticut State College, Storrs.  
Vegetable Fertilizers With Special Emphasis on Home  
Mixing. Ext. Bull. 215, 1935.  
Spray Program for Apple and Peach 1935. Ext. Bull.  
216, 1935.
- Indiana - Purdue University, Lafayette.  
Budding and Grafting of Fruit Trees, rev. Ext.  
Leaflet 127, 1934.
- Massachusetts - Massachusetts State College, Amherst.  
Pumpkins and Squashes. Ext. Leaflet 101, 1935.  
How to Grow Sweet Corn. Ext. Leaflet 102, rev., 1935.
- New Jersey - State College of Agriculture, New Brunswick.  
Spraying Recommendations for Apples, 1935. Ext. Bull.  
161, 1935.  
Spray Schedule for Pears, 1935. Ext. Bull. 162, 1935.  
Spray Schedule for Grapes, 1935. Ext. Bull. 163, 1935.
- New York - N. Y. State College of Agriculture, Ithaca.  
Protecting Orchard Crops from Diseases and Insects  
in Western New York. Ext. Bull. 313, 1935.
- North Carolina - State College of Agriculture, Raleigh.  
Irish Potato Manual for 4-H Club Members. Ext. Circ.  
204, 1934.  
Pruning the Apple Tree. Ext. Circ. 205, 1935.
- Oregon - State Agricultural College, Corvallis.  
Oregon Apple and Pear Spray Recommendations for 1935.  
Ext. Bull. 474, 1935.  
Oregon Spray Recommendations for Pests and Diseases  
of Stone Fruits. Ext. Bull. 475, 1935.
- Texas - A. & M. College of Texas, College Station.  
Sub-irrigation for Gardens. Ext. Circ. C-97, rev.,  
1934.
- Wyoming - College of Agriculture, Laramie.  
Fruit Raising in Wyoming. Ext. Circ. 58, 1935.

Received During April

- Kentucky - College of Agriculture, Lexington.  
The Mexican Bean Beetle. Ext. Circ. 257, rev., 1935.  
Striped Cucumber Beetle. Ext. Circ. 262, rev., 1935.
- Massachusetts - Massachusetts State College, Amherst.  
Apply Spray Schedule for the Home Orchard. Ext.  
Leaflet 100-B, rev., 1935.

- Minnesota - College of Agriculture, University Farm, St. Paul.  
Pest Control Program for Fruits in Minnesota. Ext.  
Circ. 50, 1935.
- New Hampshire - University of New Hampshire, Durham.  
Orchard Practices. Ext. Bull. 47, 1934.  
Relief Gardens, 1934. Ext. Circ. 164, 1935.  
Top Grafting Fruit Trees. Ext. Circ. 166, 1935.
- New York - N. Y. State College of Agriculture, Ithaca.  
Varieties of Vegetables for 1935. Ext. Bull. 317,  
1935.
- Oregon - State Agricultural College, Corvallis.  
Walnut and Filbert Blight and Insect Pests and Their  
Control. Ext. Bull. 476, 1935.  
Preparation of Bordeaux Mixture. Ext. Bull. 477, 1935.
- Washington - State College of Washington, Pullman.  
Home Gardens. Ext. Bull. 202, 1935.
- Wisconsin - College of Agriculture, Madison.  
Potato Growing in Wisconsin. Ext. Circ. 273, 1935.